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I hereby certify under 37 CFR 1.8(a) that this correspondence is being deposited with the United States Postal Service as **first class mail** with sufficient postage on the date indicated above and is addressed to the Assistant Commissioner of Patents and Trademarks, Washington, D.C. 20231.

Matthew G. Ockerly

Printed name of person mailing correspondence

[Signature]

Signature of person mailing correspondence

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Douglas Treco et al. Art Unit : 1805
Serial No. : 08/446,928 Examiner : [unclear]
Filed : May 18, 1995
Title : TARGETED INTRODUCTION OF DNA INTO PRIMARY OR
SECONDARY CELLS AND THEIR USE FOR GENE THERAPY

Assistant Commissioner of Patents and Trademarks
Washington, DC 20231

REVOCATION AND NEW POWER OF ATTORNEY

Under 37 CFR §3.73(b) Transkaryotic Therapies, Inc., a corporation, certifies that it is the assignee of 100% of the right, title and interest in the patent application identified above by virtue of:

- ☒ An assignment from the inventors of U.S. Serial No. 07/789,188. U.S. Serial No. 08/231,439 is a file wrapper continuation application under 37 CFR §1.62 of U.S. Serial No. 07/789,188, and the application identified above, U.S. Serial No. 08/446,928, is a divisional application under 37 CFR §1.60 of U.S. Serial No. 08/231,439. The assignment was recorded in the

Patent and Trademark Office at Reel 6083, Frame 0343 on April 17, 1992.

The undersigned has reviewed all the documents in the chain of title of the patent application identified above and, to the best of undersigned's knowledge and belief, title is in the assignee identified above.

The undersigned, whose title is supplied below, is empowered to act on behalf of the assignee.

The undersigned, acting on behalf of the assignee, hereby revokes all powers of attorney previously granted in the above-identified application and appoints:

Paul T. Clark, Reg. No. 30,162
Karen Lech Elbing, Reg. No. 35,238
Clark & Elbing LLP
176 Federal Street
Boston, MA 02110-2214

with full power of substitution and revocation, to prosecute the above-identified application and to transact all business in the United States Patent and Trademark Office connected therewith.

All correspondence regarding the application should be sent to Paul T. Clark, Clark & Elbing LLP, 176 Federal Street, Boston, MA 02110-2214, (617) 428-0200.

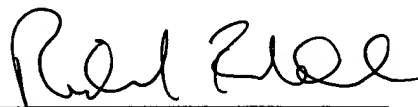
66207-103460

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Respectfully submitted,

Date:

7/11/97



Richard F Selden, M.D., Ph.D.
President and CEO
Transkaryotic Therapies, Inc.

50010.006003.newpoa.wpd

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PATENT

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MSILVER
Printed name of person mailing correspondence

M.S. Silver
Signature of person mailing correspondence

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Douglas Treco et al. Art Unit : 1636
Serial No. : 08/446,928 Examiner : I. Yucel
Filed : 05/18/95
Title : Targeted Introduction of DNA Into Primary or Secondary Cells
and Their Use For Gene Therapy and Protein Production

Assistant Commissioner of Patents
Washington, D.C. 20231

ASSOCIATE POWER OF ATTORNEY

Please recognize Ivana Maravic-Magovcevic, Ph.D., Reg. No. 43,338, as my associate attorney in the above-captioned application, with full powers.

Please continue to direct all official communications to the undersigned.

If there are any charges, or any credits, please apply them to Deposit Account No. 03-2095.

Respectfully submitted,

Date: Nov. 24, 1998

Paul T. Clark
Paul T. Clark
Reg. No. 30,162

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